

CRF Processing Date: 11/29/2002  
 Edited by: [Signature]  
 Verified by: [Signature] (STIC staff)

Serial Number: 09/691,219

**ENTERED**

1646

#6

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: \_\_\_\_\_
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other \_\_\_\_\_
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: \_\_\_\_\_
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: \_\_\_\_\_
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: \_\_\_\_\_
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: \_\_\_\_\_
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: \_\_\_\_\_
- ☒ Deleted: ☒ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as \_\_\_\_\_
- ☐ Inserted mandatory headings, specifically: \_\_\_\_\_
- ☐ Corrected an obvious error in the response, specifically: \_\_\_\_\_
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: \_\_\_\_\_
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: \_\_\_\_\_
- ☐ Other: \_\_\_\_\_

**RECEIVED**

DEC 04 2002

TECH CENTER 1600/2900

\*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.



1600

## RAW SEQUENCE LISTING

DATE: 11/29/2002

PATENT APPLICATION: US/09/691,219

TIME: 17:35:33

Input Set : A:\PTO.AMC.TXT

Output Set: N:\CRF4\11292002\I691219.raw

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4 <110> APPLICANT: WEI, Ming-Hui et al.
6 <120> TITLE OF INVENTION: ISOLATED HUMAN TRANSPORTER PROTEINS,
7   NUCLEIC ACID MOLECULES ENCODING HUMAN TRANSPORTER PROTEINS,
8   AND USES THEREOF
10 <130> FILE REFERENCE: CL000894
12 <140> CURRENT APPLICATION NUMBER: US 09/691,219
13 <141> CURRENT FILING DATE: 2000-10-19
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53 <210> SEQ ID NO: 2
54 <211> LENGTH: 372

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63 Leu Pro Arg Pro Gly Leu Asp Leu Gln Ala Ile Glu Leu Ala Ala Gln
64 35 40 45
65 Ser Asn His His Cys His Ala Gln Lys Gly Pro Asp Ser His Cys Asp
66 50 55 60
67 Pro Lys Lys Gly Lys Ala Gln Arg Gln Leu Tyr Val Ala Ser Ala Ile
68 65 70 75 80
69 Cys Leu Leu Phe Met Ile Gly Glu Val Val Gly Gly Tyr Leu Ala His
70 85 90 95
71 Ser Leu Ala Val Met Thr Asp Ala Ala His Leu Leu Thr Asp Phe Ala
72 100 105 110
73 Ser Met Leu Ile Ser Leu Phe Ser Leu Trp Met Ser Ser Arg Pro Ala
74 115 120 125
75 Thr Lys Thr Met Asn Phe Gly Trp Gln Arg Ala Glu Ile Leu Gly Ala
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78 145 150 155 160
79 Leu Ala Val Glu Arg Leu Ile Ser Gly Asp Tyr Glu Ile Asp Gly Gly
80 165 170 175
81 Thr Met Leu Ile Thr Ser Gly Cys Ala Val Ala Val Asn Ile Ile Met
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83 Gly Leu Thr Leu His Gln Ser Gly His Gly His Ser His Gly Thr Thr
84 195 200 205
85 Asn Gln Gln Glu Glu Asn Pro Ser Val Arg Ala Ala Phe Ile His Val
86 210 215 220
87 Ile Gly Asp Phe Met Gln Ser Met Gly Val Leu Val Ala Ala Tyr Ile
88 225 230 235 240
89 Leu Tyr Phe Lys Pro Glu Tyr Lys Tyr Val Asp Pro Ile Cys Thr Phe
90 245 250 255
91 Val Phe Ser Ile Leu Val Leu Gly Thr Thr Leu Thr Ile Leu Arg Asp
92 260 265 270
93 Val Ile Leu Val Leu Met Glu Gly Thr Pro Lys Gly Val Asp Phe Thr
94 275 280 285
95 Ala Val Arg Asp Leu Leu Leu Ser Val Glu Gly Val Glu Ala Leu His
96 290 295 300
97 Ser Leu His Ile Trp Ala Leu Thr Val Ala Gln Pro Val Leu Ser Val
98 305 310 315 320
99 His Ile Ala Ile Ala Gln Asn Thr Asp Ala Gln Ala Val Leu Lys Thr
100 325 330 335
101 Ala Ser Ser Arg Leu Gln Gly Lys Phe His Phe His Thr Val Thr Ile
102 340 345 350
103 Gln Ile Glu Asp Tyr Ser Glu Asp Met Lys Asp Cys Gln Ala Cys Gln
104 355 360 365

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116 <222> LOCATION: (1)...(11101)
117 <223> OTHER INFORMATION: n = A,T,C or G
119 <400> SEQUENCE: 3
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122 ctgggattat aggcgtgagc cgccgcaccc agccaacatt ttttaaatac tgaaaagtag 180
123 agggaaatagt tatagtgtac cccattttacc catcactcag tttcaacagc tggtagacata 240
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131 cccagacctc ctgaatcctg gaaatattca ggctccacac ccagagattc tggttcgggt 720
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254 tgggaggggt agtttccctt agtttccctt gtcccttgcc gtccctcagg acccccaagg 8100
255 gcgttgactt cacagctgtt cgtgatctgc tgcgtcggt ggagggggta gaagccctgc 8160

```

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/09/691,219

DATE: 11/29/2002  
TIME: 17:35:34

Input Set : A:\PTO.AMC.TXT  
Output Set: N:\CRF4\11292002\I691219.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:3; N Pos. 7419,7420,7421,7422,7423,7424,7425,7426,7427